



Fluid Power Systems and Technology Division

FPST Division Objectives

- Advancement of technology and tools related to the development of fluid power systems and components.
- Operate as an efficient, cohesive and professional organization.

FPST Strategic Intent

- The FPST division's strategic intent:
 - Grow the division
 - Deliver high quality product our customers have come to expect
- How:
 - Entrepreneurship
 - Partnership with other divisions
 - Operating in a professional and fiscally responsible manner

FPST Division Activities

- Primary activities include:
 - Developing technical sessions for ASME conferences.
 - Developing technical papers for the Journal of Dynamic Systems, Measurements and Controls.
- Other activities:
 - Participation in jointly sponsored non-ASME events both in North America and Rest of the World.
 - Participated in first joint conference with University of Bath (England) in September 2008. A second joint conference was held in October 2009 with ASME DSC Conference in Los Angeles, CA. The next joint conference will be held again at the University of Bath.
 - Exploring creation of new Fluid Power journal in collaboration with existing International Journal of Fluid Power.

Membership Demographics

Year	2005	2008	2009
Primary - FPST	736	775	987
Secondary - FPST	971	1073	1075
Other - FPST	3446	3372	3382
Total - FPST	5153	5220	5444

FPST Strengths

- Volunteer leadership at all levels.
- Good representation from international members.
- Number of young enthusiastic committee members.
- Large industry membership.
- High level of activity of research oriented members.
- Members expertise in multiple and emerging technological fields.

FPST Weaknesses

- Awkward decision methods: Decisions take too long to make & too long to implement once made.
- Conference venues and other details of US based conferences are not satisfactory for some FPST members.

Publication Activities

- Bound Volume:
 - Proceedings CD for conferences.
- Journals:
 - Publish papers in Journal of Dynamic Systems, Measurements and Control.
 - Exploring creation of joint journal with existing International Journal of Fluid Power
- Newsletter:
 - Try to publish once every six months

Industry Participation

- Active participation by industry members as:
 - Authors
 - Panelists
 - Executive committee members
- Collaboration with SAE, FPNI, NFPA, etc.

Roles in Globalization

- More than half of participants in FPST at US conferences are from outside North America.
- Active participation by overseas members in Executive committee activities.
- Activities in progress to have greater collaboration with FPNI (Fluid Power Net International)
- FPST collaborates with the University of Bath in the Bath/ASME Symposium on Fluid Power Motion and Control

Honors & Awards Activities

- Successfully nominated several members for ASME Fellow.
- Established "FPST Best Paper Award" for last several years.
- Established "Robert E. Koski" Medal for lifetime achievement in Fluid Power
 - First two awards (2007, 2008) presented at Bath, England in Sept. 2008
 - Most recent award (2009) presented at the DSC Conference in Los Angeles, CA in October of 2009